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Woodward-Clyde Consultants, Inc.

September 25, 1984
82C4548

New York State Department of Environmental Conservation
Division of Solid Waste
Room 209
50 Wolf Road
Albany, New York 12233

Attention: Mr. Norman H. Nosenchuck
Director

Subject: Engineering Investigations at Inactive Hazardous Waste Sites in the
State of New York
Phase I - Preliminary Investigation
Former Quanta Resources Site
NYSDEC No. 241005
EPA No. Not Available

Dear Sir:

This report presents the results of our Preliminary Investigation of the Former Quanta Resources site in Long Island City, Queens County, New York. This preliminary investigation fulfills the requirements of Phase I of our Contract No. D000452 to perform engineering investigations at 40 inactive hazardous waste sites in the State of New York. Phase II involves field investigation services at the sites.

The objective of Phase I was to:

- o collect and review data
- o perform a site reconnaissance
- o prepare a draft Hazard Ranking System (HRS) and Documentation
- o develop specific site work plan for Phase II
- o develop Phase II site investigation costs
- o identify known responsible parties
- o prepare a summary report

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September 25, 1984
82C4548
Page 2

This report contains six sections. Section 1.0 includes a description of the site. Section 2.0 presents the preliminary HRS work sheets, the HRS documentation records, and EPA site assessment forms (2070-12 and 2070-13). Section 3.0 provides a brief summary of the history of site activities. Section 4.0 includes a discussion of existing site data. Section 5.0 provides an assessment of the data adequacy identifying major data gaps. Lastly, Section 6.0 presents the recommended Phase II Site Investigation Work Plan and costs. The sampling and analysis plan and the health and safety plan are not included. These are to be supplied by NYSDEC.

The former Quanta Resources site is located in an industrial area of Long Island City and next to Newton Creek. The owner of the Quanta Resources site is unknown. The site was formerly used as a waste oil storage area until it went bankrupt in 1981. Surface clean-up has taken place at the site which revealed a variety of solvents and hydrocarbons including PCB's.

The HRS scores developed for the Kenmark Textile Corporation site are as follows:

$$S_M = 7.39 \quad (S_{gw} = 5.42 \quad S_{sw} = 11.58 \quad S_a = 0.0)$$

$$S_{FE} = N/A$$

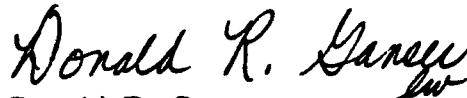
$$S_{DC} = 62.50$$

September 25, 1984
82C4548
Page 3

Existing data on the former Quanta Resources site were generally adequate to complete all HRS work sheets. Additional data is needed for the proximity of the site to existing wells. The proposed work plan has been designed to answer questions primarily concerning soil contamination, ground water flow and quality, and surface water quality. Proximity to surface waters and the documented presence of PCB's and hydrocarbons in the ground water and soil samples indicate that potential health hazards may exist. A detailed description of the work plan and estimated costs is provided in Section 6.0. The total estimated costs for Phase II investigations at the Former Quanta Resources site is \$21,335.

If there are any questions or comments concerning the work plan or any other portion of the Phase I report, please do not hesitate to contact us.

Very truly yours,

A handwritten signature in cursive script that reads "Donald R. Ganser". The signature is written in dark ink and is positioned above the printed name.

Donald R. Ganser,
Project Manager

DRG:cp
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